

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A power supply system by use of a vehicle, comprising:  
  
an alternator that generates electric power according to the number of revolutions of an engine mounted in a vehicle and charges a predetermined battery;  
  
output means for outputting the electric power from said charged battery to the outside;  
  
power generation control means that detects the current amount of the electric power transmitted from said battery to said output means and sets the number of engine revolutions according to the detected current amount; and  
  
engine control means that controls the number of revolutions of said engine in accordance with the number of engine revolutions set by said power generation control means;  
  
wherein said power generation control means, in case that the detected current amount is a value over the current amount immediately before exceeding the current amount of the electric power generated in the usual idling state, finds the difference between the set number of engine revolutions and the number of engine revolutions in the usual idling state and transmits the difference to said engine control means; and said power generation control means, in case that the detected current amount is a value below the current amount immediately before exceeding the current amount of the electric power generated in the usual idling state, transmits the difference as zero to said engine control means, and  
  
said engine control means, upon reception of the difference from said power generation control means under the state where said engine control means controls said engine at the number of engine revolutions in the usual idling state, controls said engine in accordance

with the number of engine revolutions obtained by adding the difference to the number of engine revolutions in the usual idling state.

2. (Original) The power supply system by use of a vehicle according to Claim 1, wherein

said power generation control means transmits, only during detecting the current amount over the current immediately before exceeding the current amount of the electric power generating in the usual idling state, the set number of engine revolutions to said engine control means, and

said engine control means, only during receiving the number of engine revolutions from said power generation control means, controls said engine in accordance with the received number of engine revolutions, and when said engine control means does not receive the number of engine revolutions, said engine control means controls said engine in accordance with the number of engine revolutions in the usual idling state.

3. (Canceled).

4. (Original) The power supply system by use of a vehicle according to Claim 1, wherein

said output means are provided in a car room and out of a vehicle.